

Work Order ID 68054

Tuesday, April 05, 2011 3:15:50 PM



Page 1

Item ID: D4277-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Rib

Start Date: 4/5/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

*H*Date: *11-04-08*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4277

D

100

0.00



Large Fab

Memo

0.00

Large Fab

1- Cut tube as per dwg D4277
2- Remove marking and deburr*SAD 11-04-08**(2)*

110

0.00



QC

QC6- Inspect dimensions to drawing

Memo

0.00

Quality Control

Pl 11.04.07

120

0.00



Packaging

Identify as per dwg & Stock Location: *B/C*

Memo

0.00

Packaging

STOCK IN BASKET CELL

Pl 11.04.07

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68054

Tuesday, April 05, 2011 3:15:51 PM



Page 2

Item ID: D4277-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Rib

Start Date: 4/5/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11
04

4/4/11
11-04-7
(2)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Tuesday, April 05, 2011 3:15:56 PM

Page 1

Work Order ID: 68054



Parent Item: D4277-5



Parent Item Name: Rib

Start Date: 4/5/2011

Required Date: 4/8/2011

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A 10.11.12 new issue DD verf:EC
11.01.20 AS PER DWG REV.C DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049 Square Tubing		Purchased	No			100	f	3.0736	2.1875	4.605263			



SAD 11-04-06

Location

Loc Qty

Loc Code

MAT034

3.0736

116610

3.0736

M117314 ==> 4.6053

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Tuesday, April 05, 2011 3:16:02 PM

Work Order ID: 68054



Parent Item: D4277-5



Parent Item Name: Rib

Start Date: 4/5/2011

Required Date: 4/8/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 10.11.12 new issue DD verf:EC
11.01.20 AS PER DWG REV.C DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M304TS0.500W.049

Purchased

No

100

f

3.0736

2.1875

4.605263



Square Tubing

SAD 11-04-06

Location

Loc Qty

Loc Code

MAT034

3.0736

116610

3.0736

4.6052

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SHOT COPY
 RETURN TO
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 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 68054

RI 11-04-5

D4277-1 RIB

D4277-3 RIB

D4277-5 RIB

D4277-7 RIB

D4277-9 RIB

D4277-11 RIB

D4277-19 RIB



RELEASED
 2011-02-24
MP

D	CHANGED ANGLE FROM 71° TO 61° (B3-3)	SC	11.02.09
C	D4277-19 RIB ADDED, ADDITIONAL HOLES ADDED IN D4277-1	SC	10.12.23
B	RMV -13/-15/-17 (OBSOLETE); -3: 6.09 WAS 20.25 (C5-2); -8: 13.50 WAS 2.00 (B4-2); -5: 24.25 WAS 26.25 (B5-2)	CP	10.11.30
A	NEW ISSUE	SC	10.11.25
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4277 REV. D SHEET 1 OF 3 TITLE RIBS SCALE NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DRAWN	SC		
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	11.02.09		

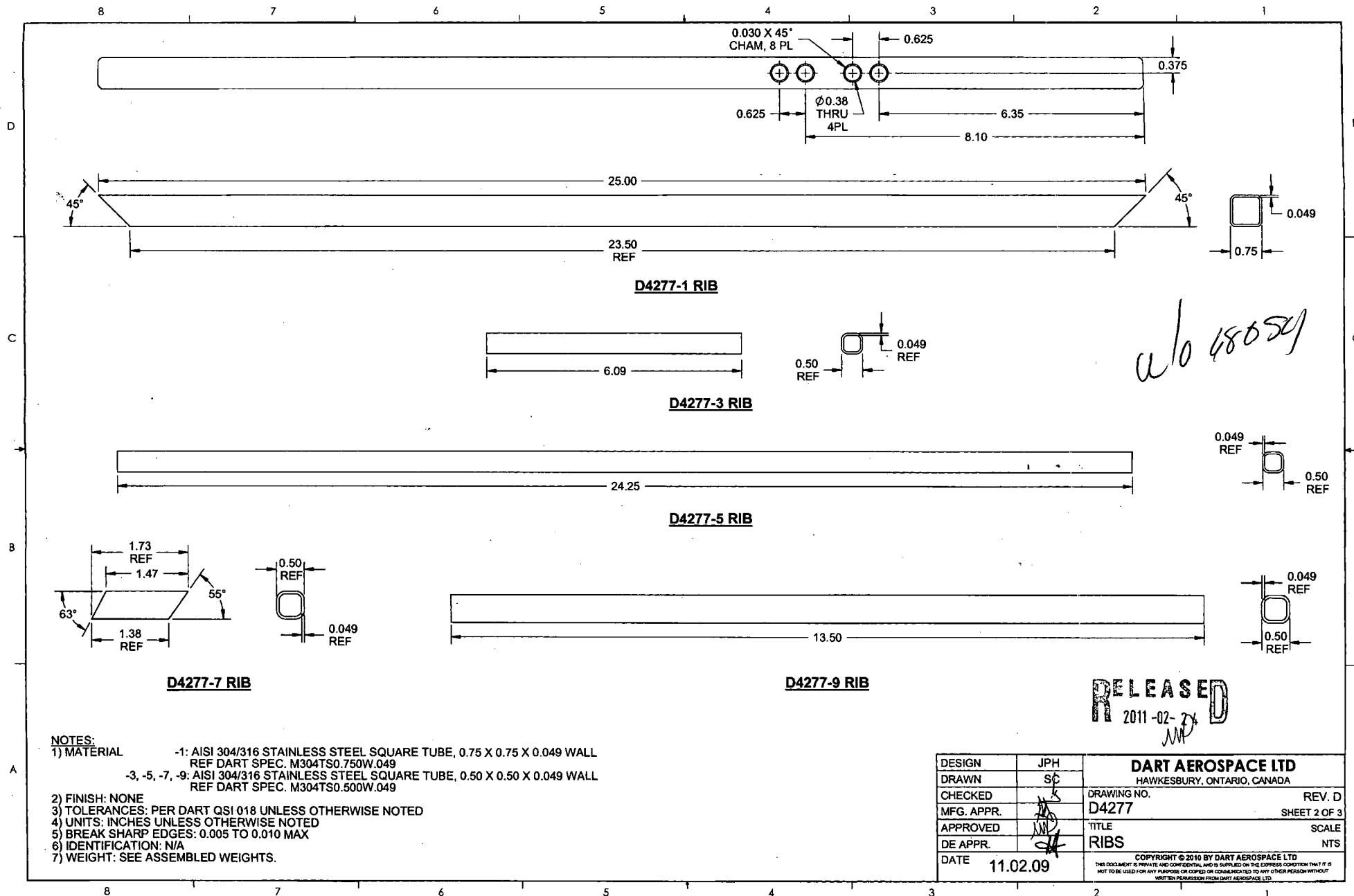
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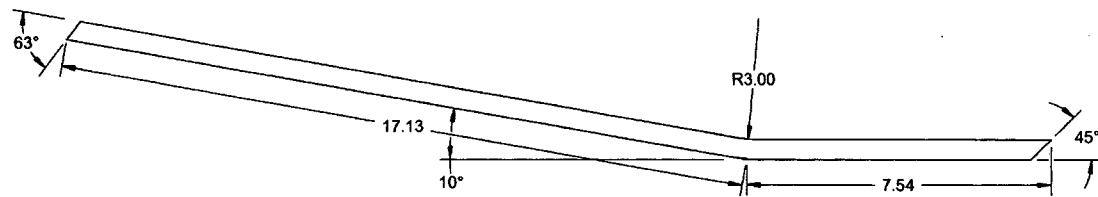
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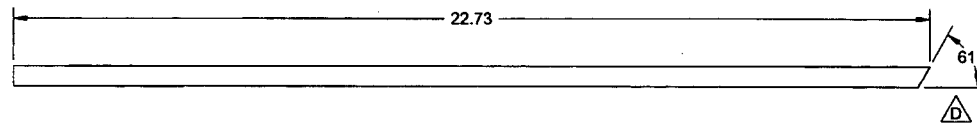
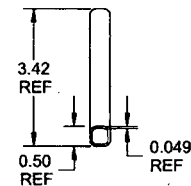
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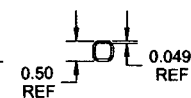
NOTE: Date & initial all entries



D4277-11 RIB



D4277-19 RIB



WLG 68054

- NOTES:**
- 1) MATERIAL -11, -19: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
REF DART SPEC. M304TS0.500W.049
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: SEE ASSEMBLED WEIGHTS.

RELEASED
2011-02-24

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